

FIG.1  
(PRIOR ART)

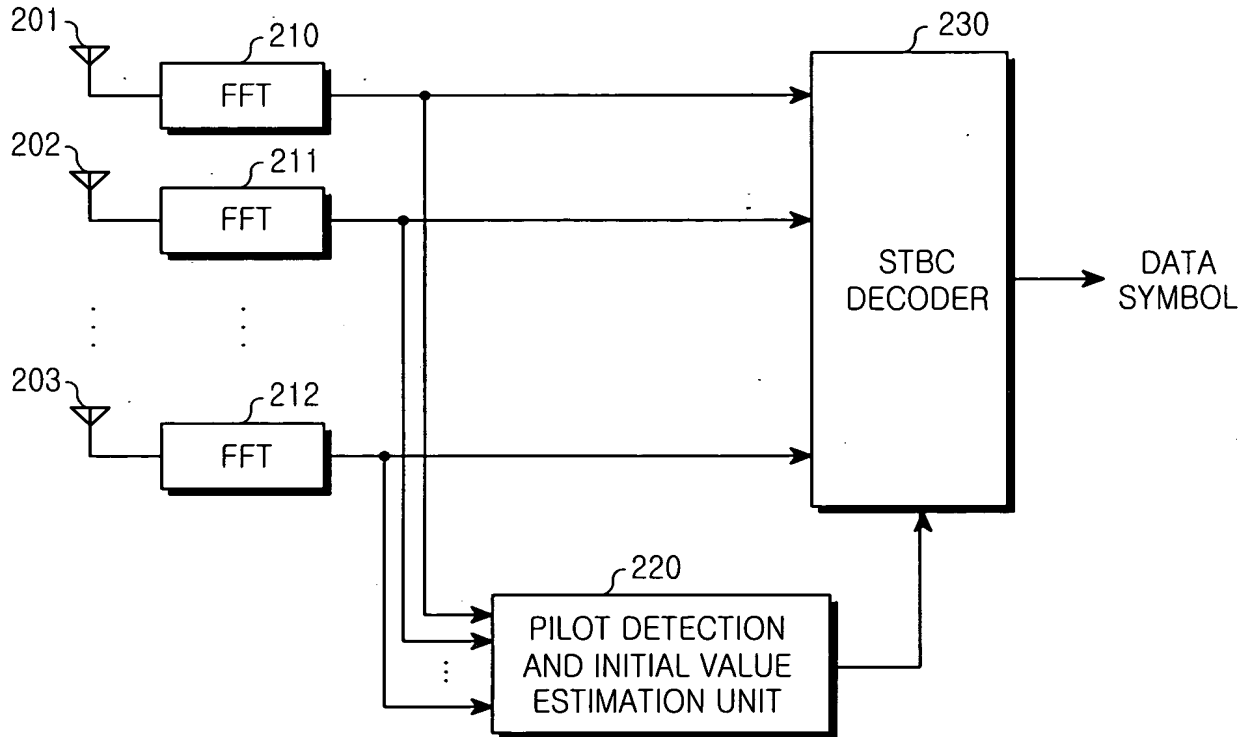


FIG.2  
(PRIOR ART)

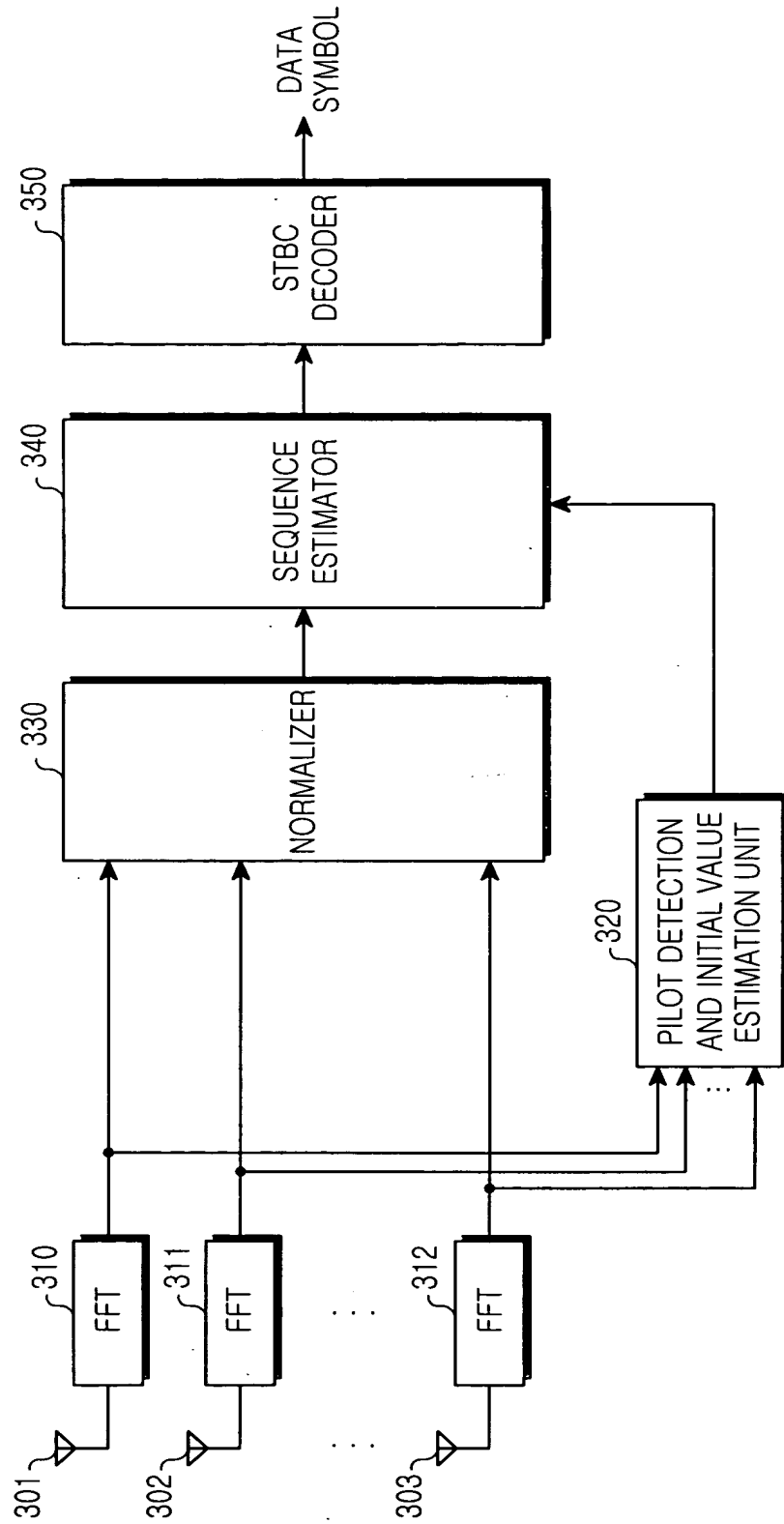


FIG. 3

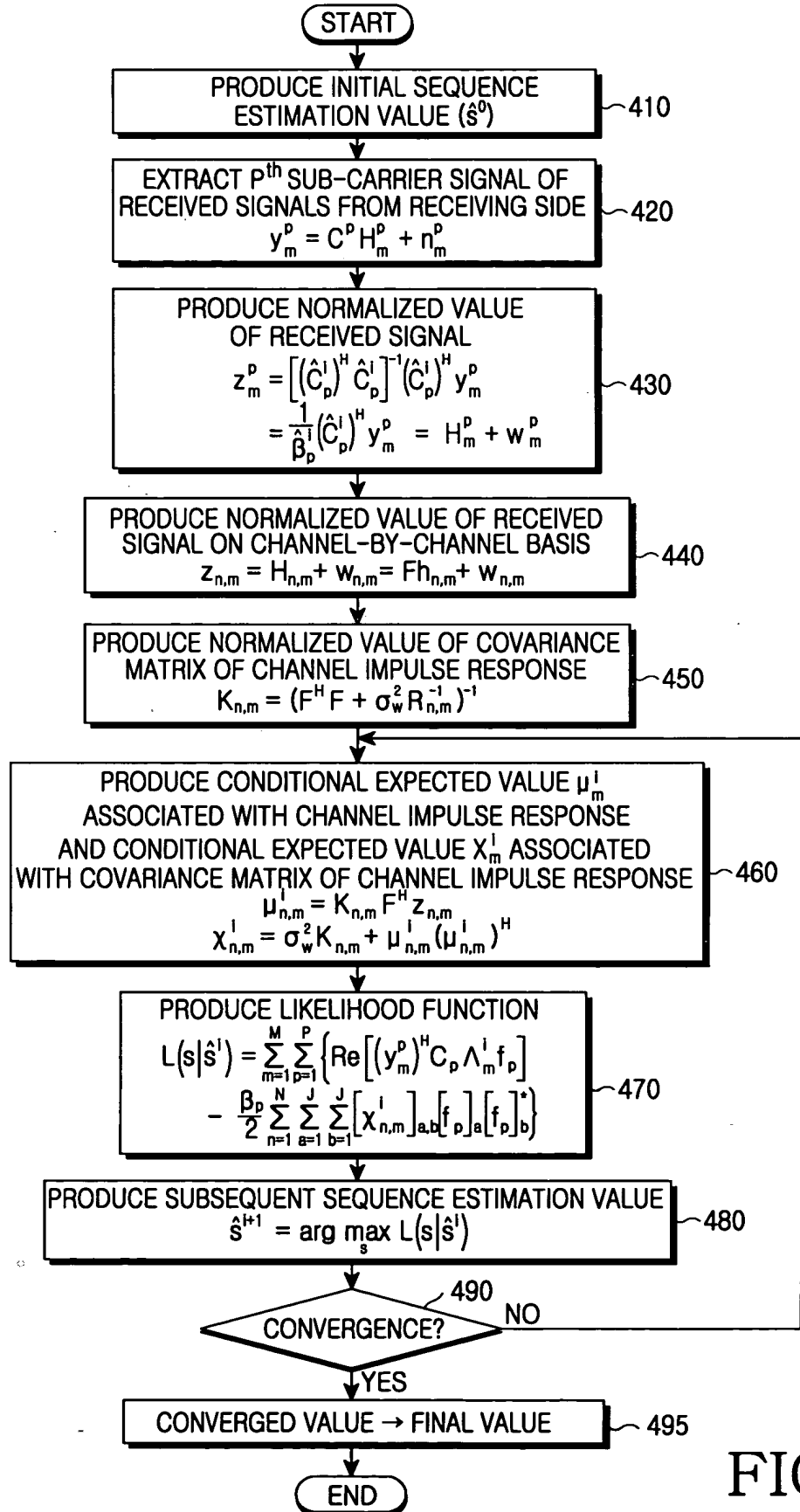
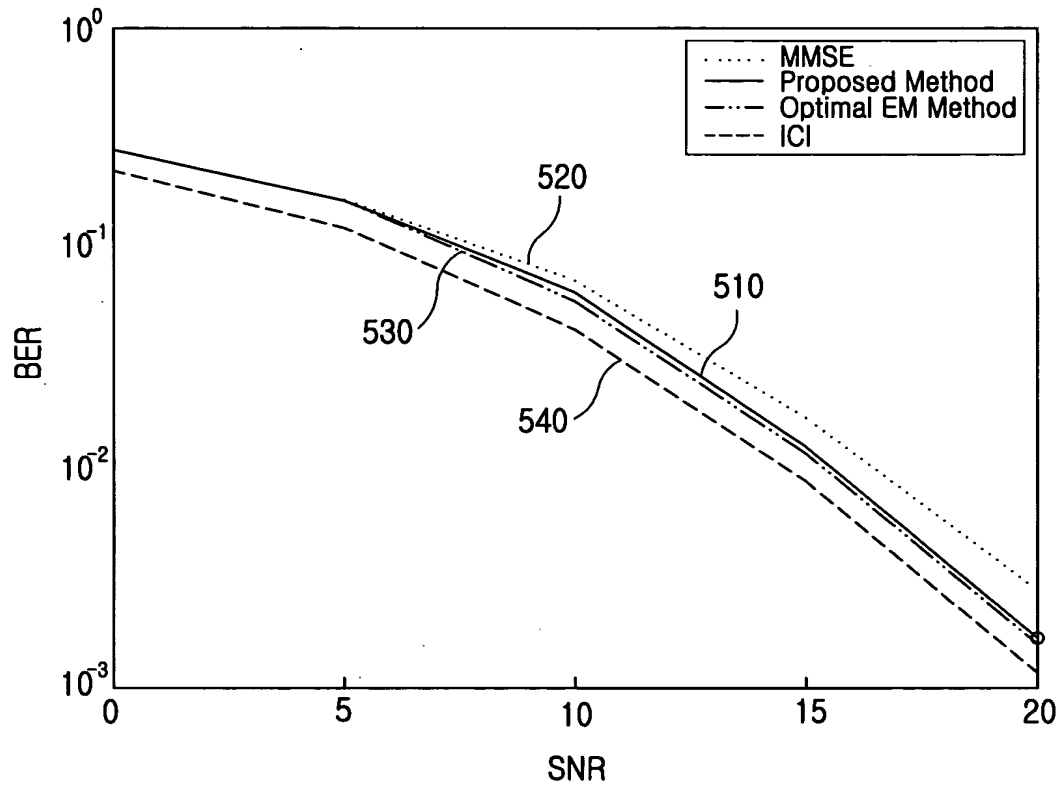
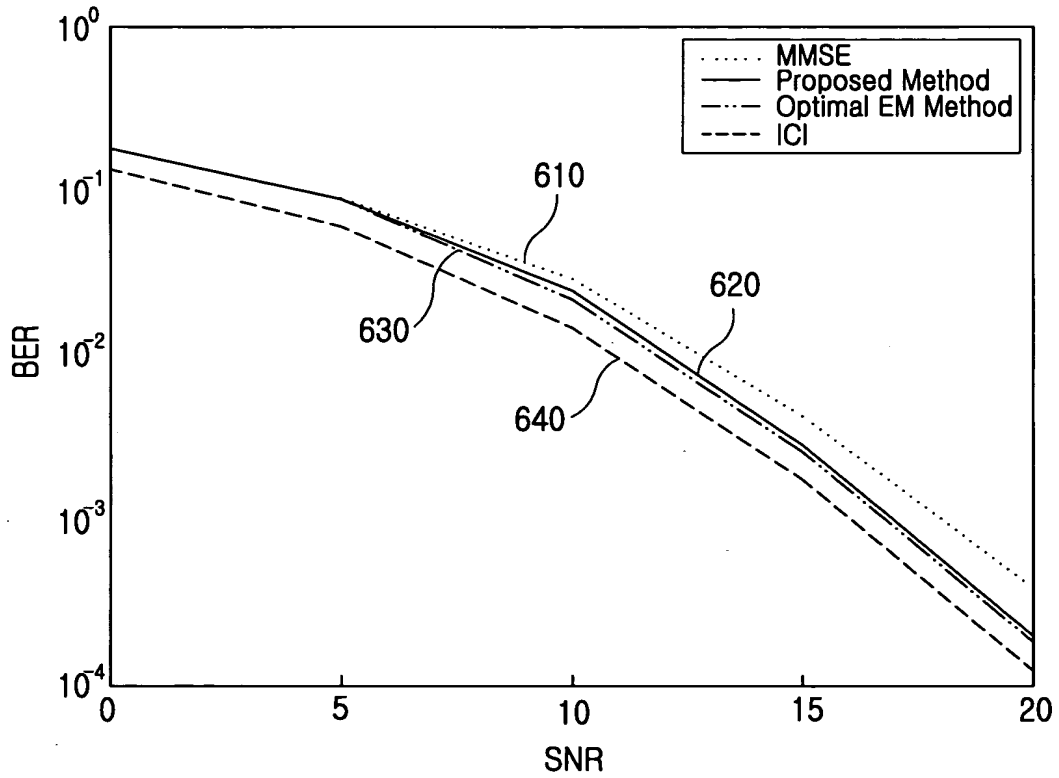


FIG.4



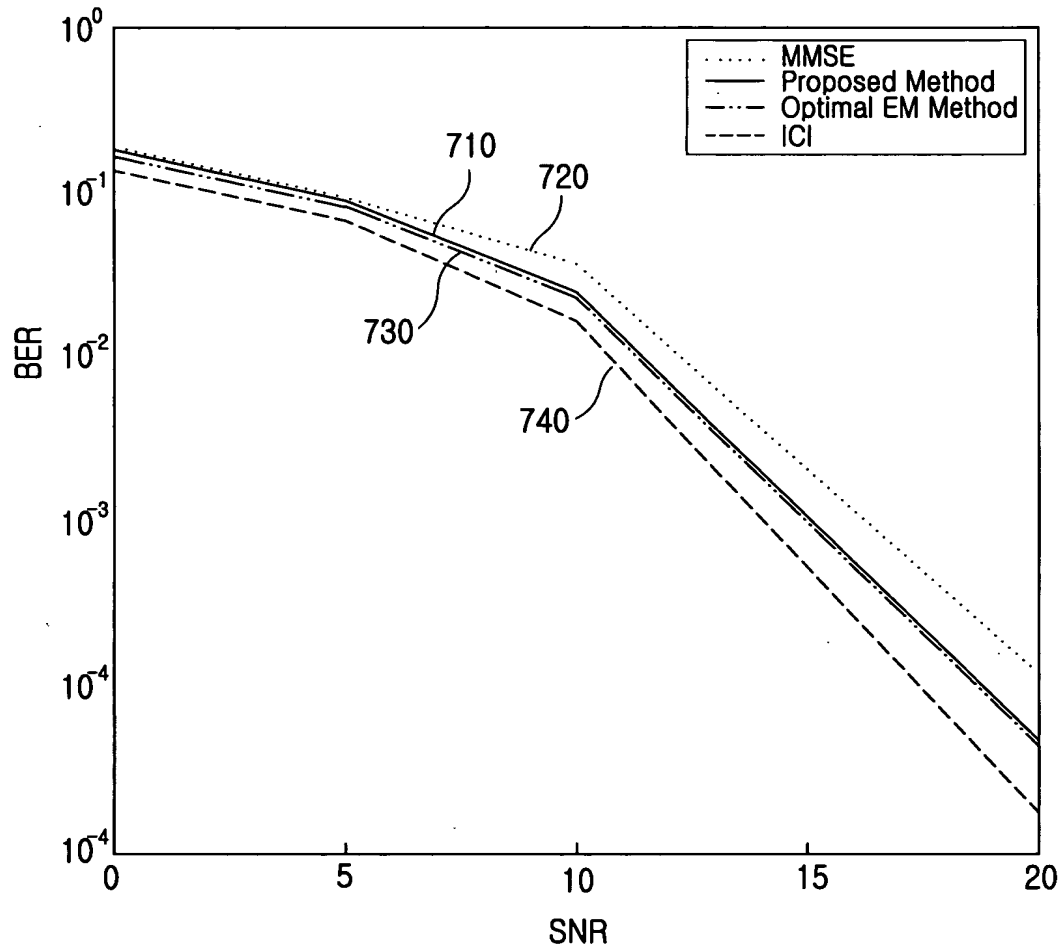
BER PERFORMANCE WHEN SPACE-TIME BLOCK CODE  
BASED ON RATE 1 FOR TWO TRANSMITTING ANTENNAS  
AND ONE RECEIVING ANTENNA IS USED  
(16-QAM,  $fdTs=0.005$ )

FIG.5



BER PERFORMANCE WHEN SPACE-TIME BLOCK CODE  
BASED ON RATE 3/4 FOR THREE TRANSMITTING ANTENNAS  
AND ONE RECEIVING ANTENNA IS USED  
(16-QAM,  $f_d T_s = 0.005$ )

FIG.6



BER PERFORMANCE WHEN SPACE-TIME BLOCK CODE  
BASED ON RATE 3/4 FOR FOUR TRANSMITTING ANTENNAS  
AND ONE RECEIVING ANTENNA IS USED  
(16-QAM,  $f_d T_s = 0.005$ )

FIG.7

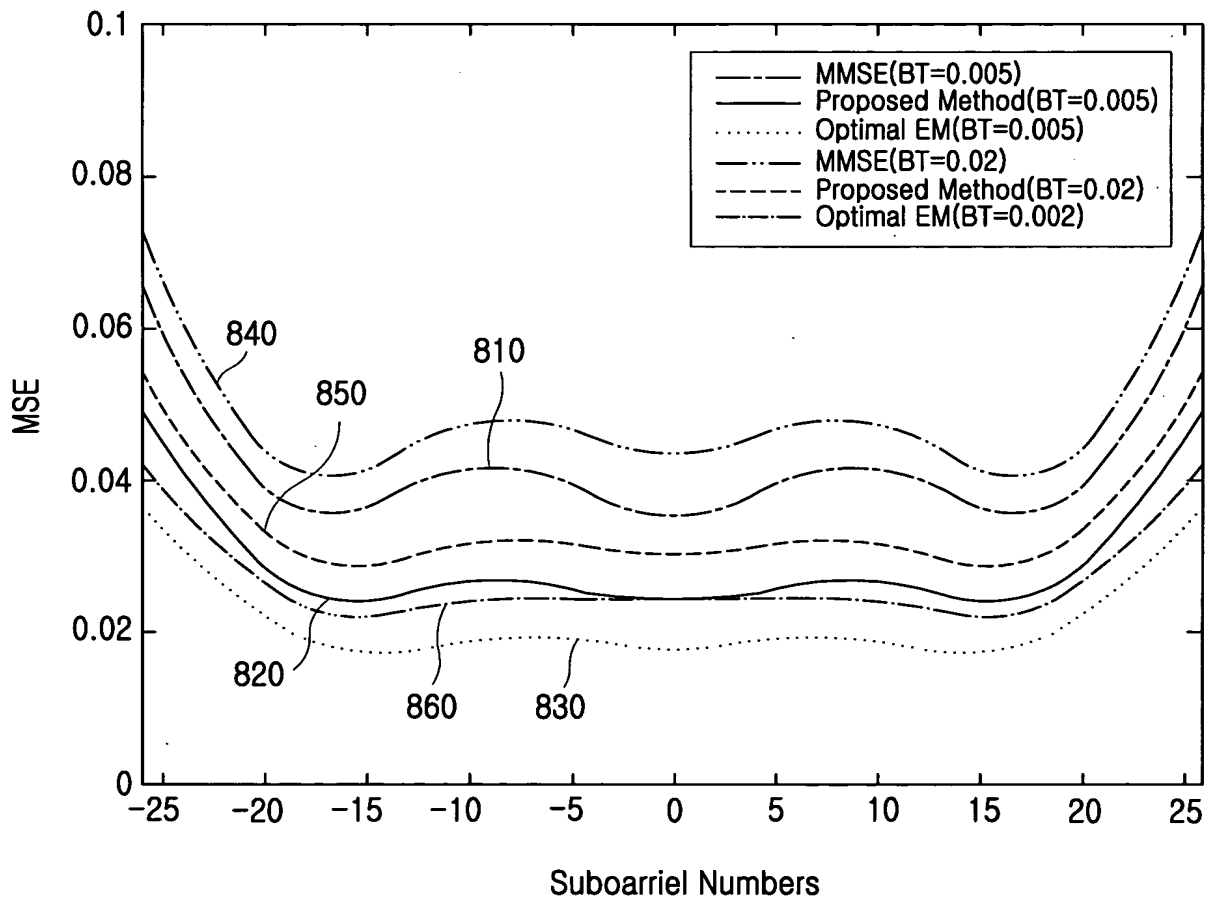


FIG.8

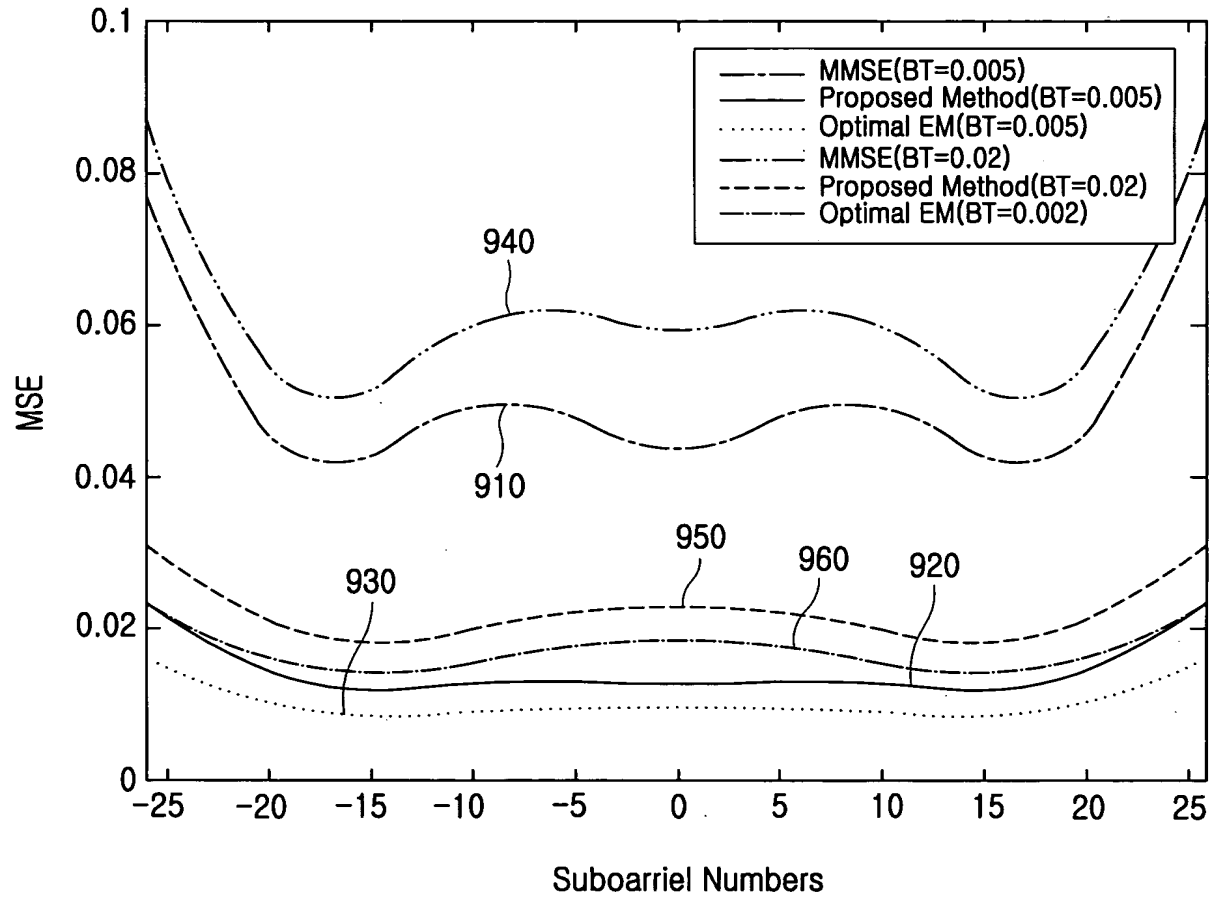


FIG.9

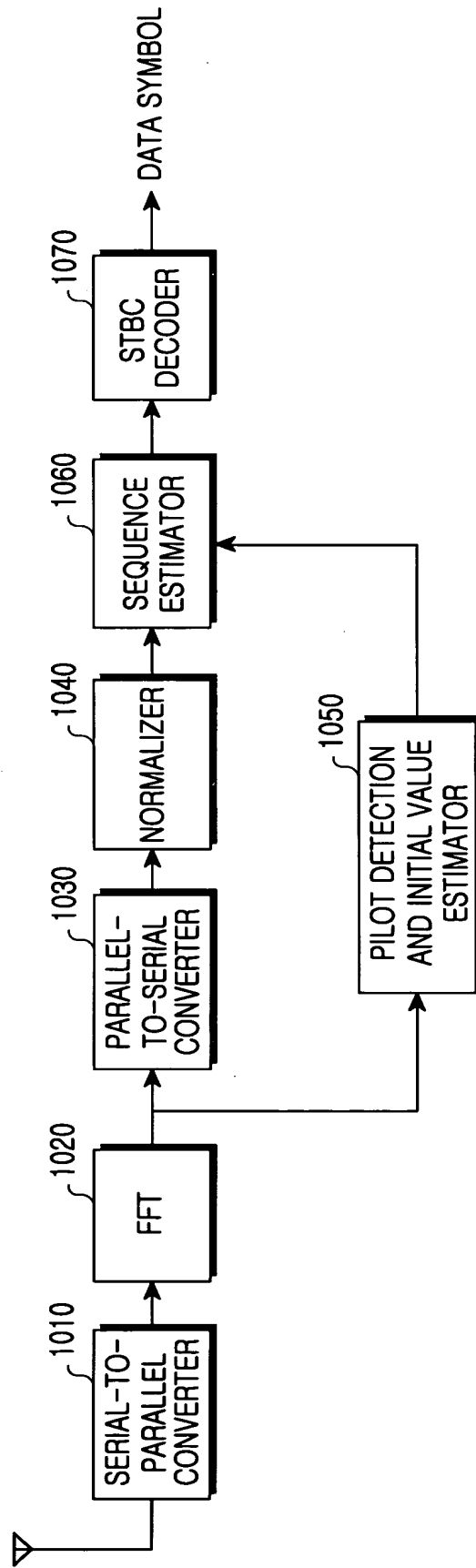


FIG.10

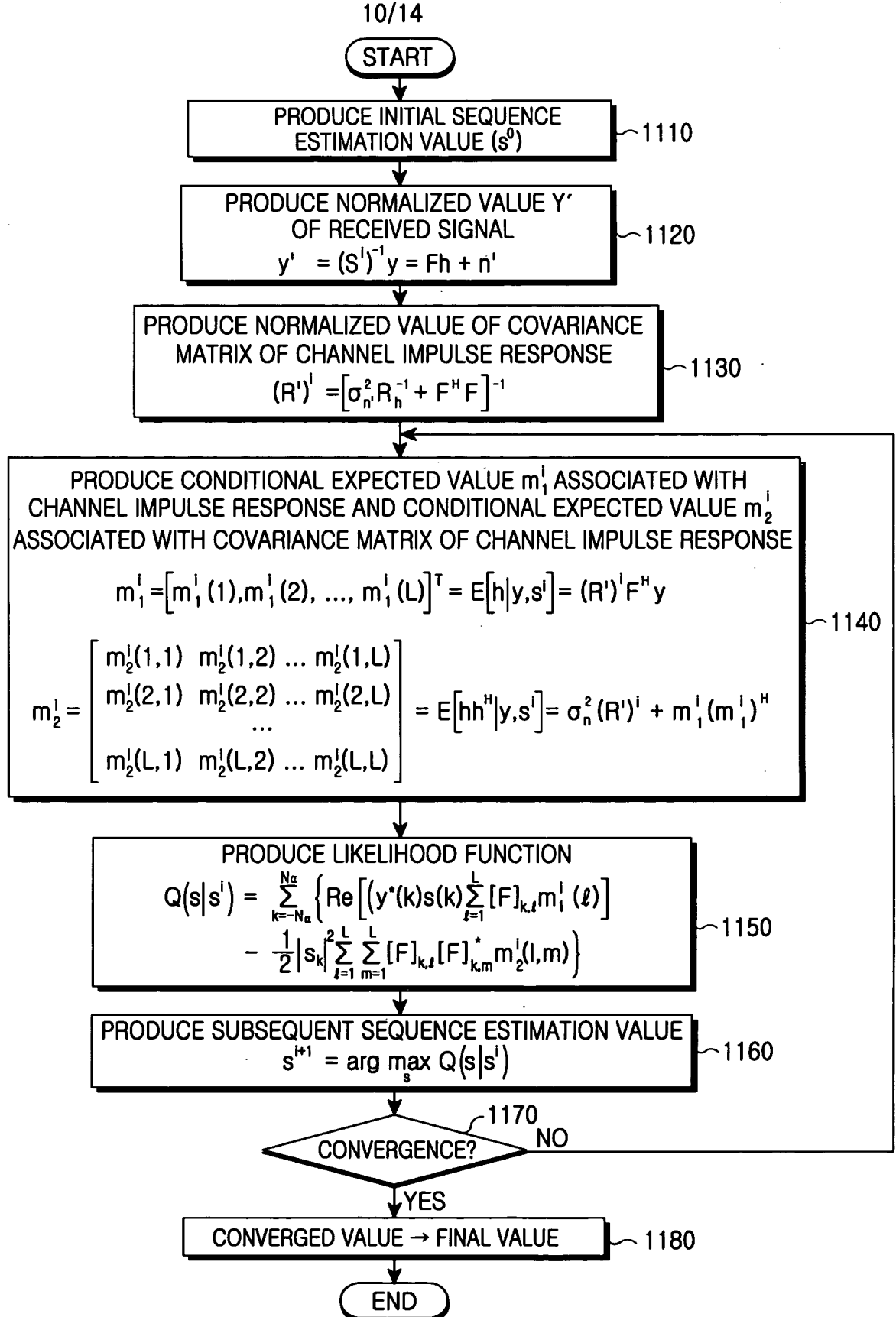


FIG.11

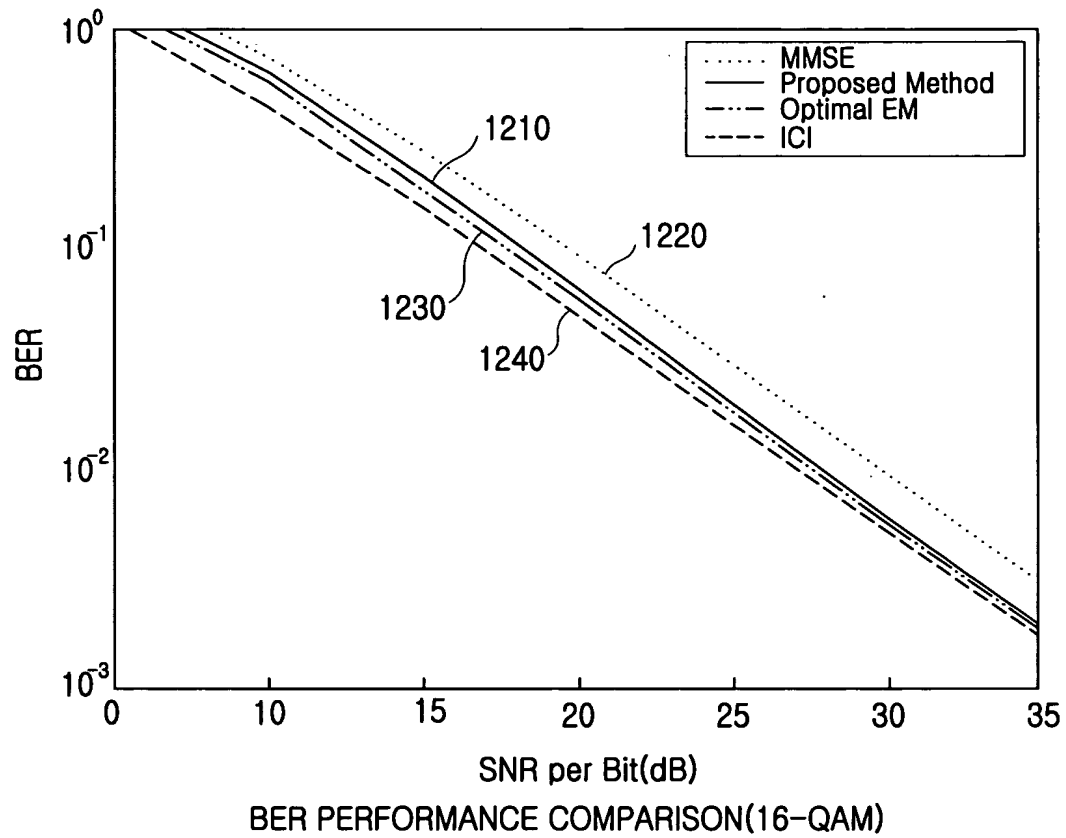


FIG.12

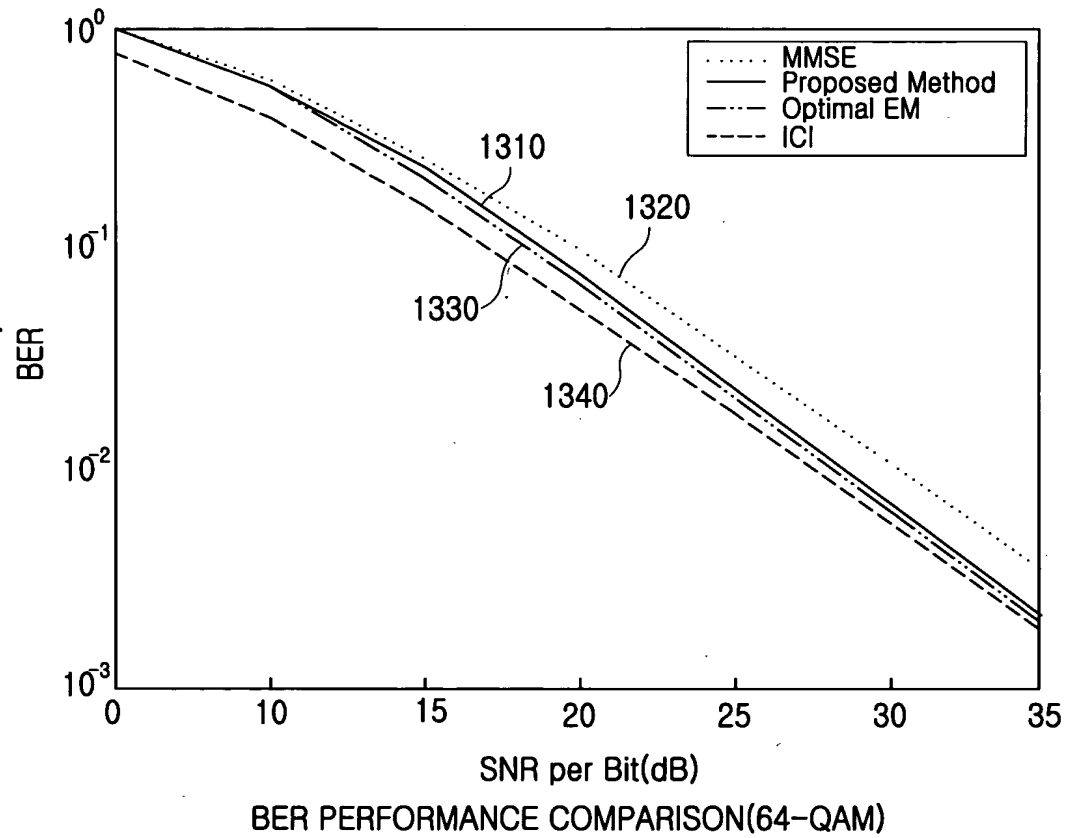


FIG.13

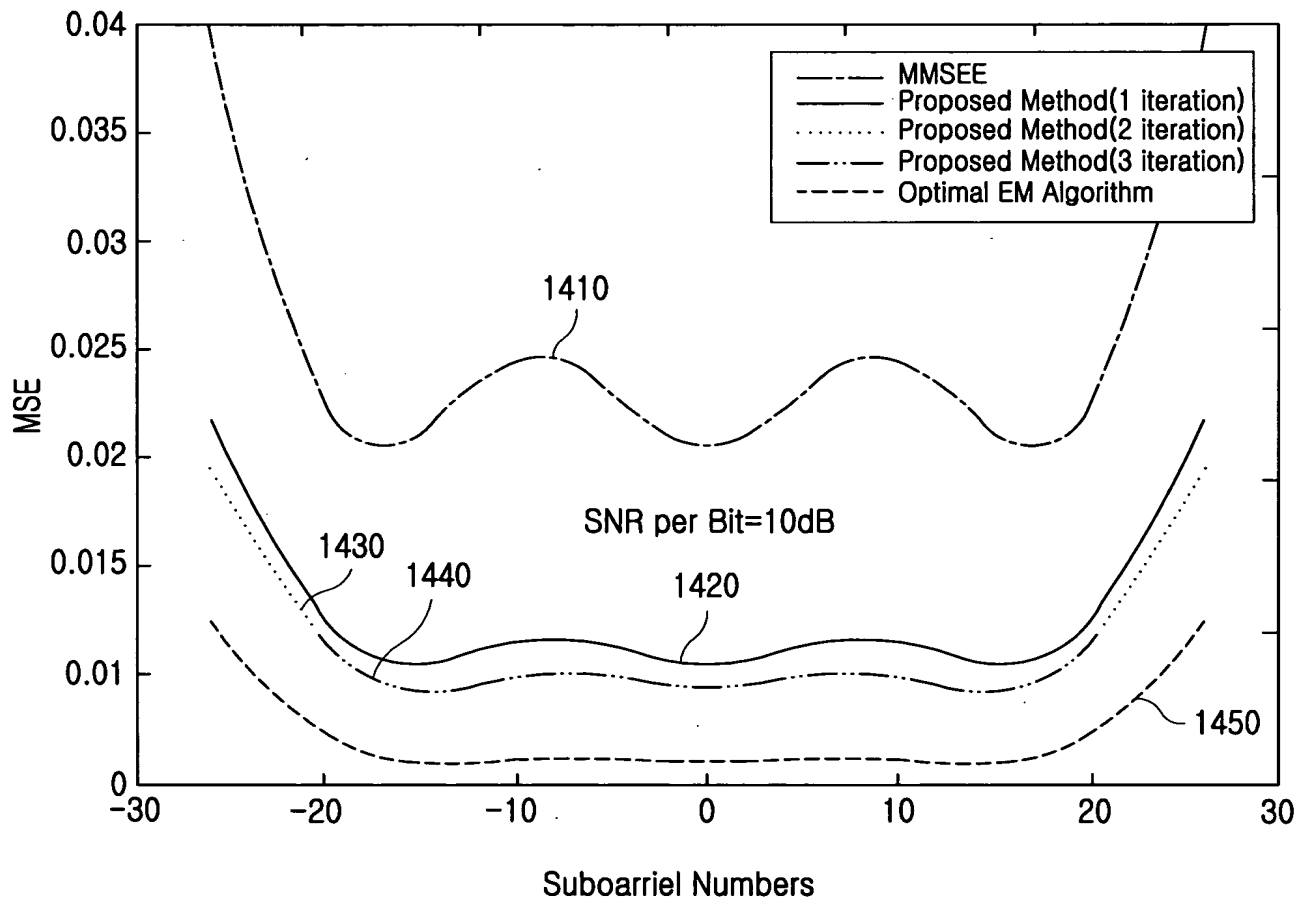


FIG.14

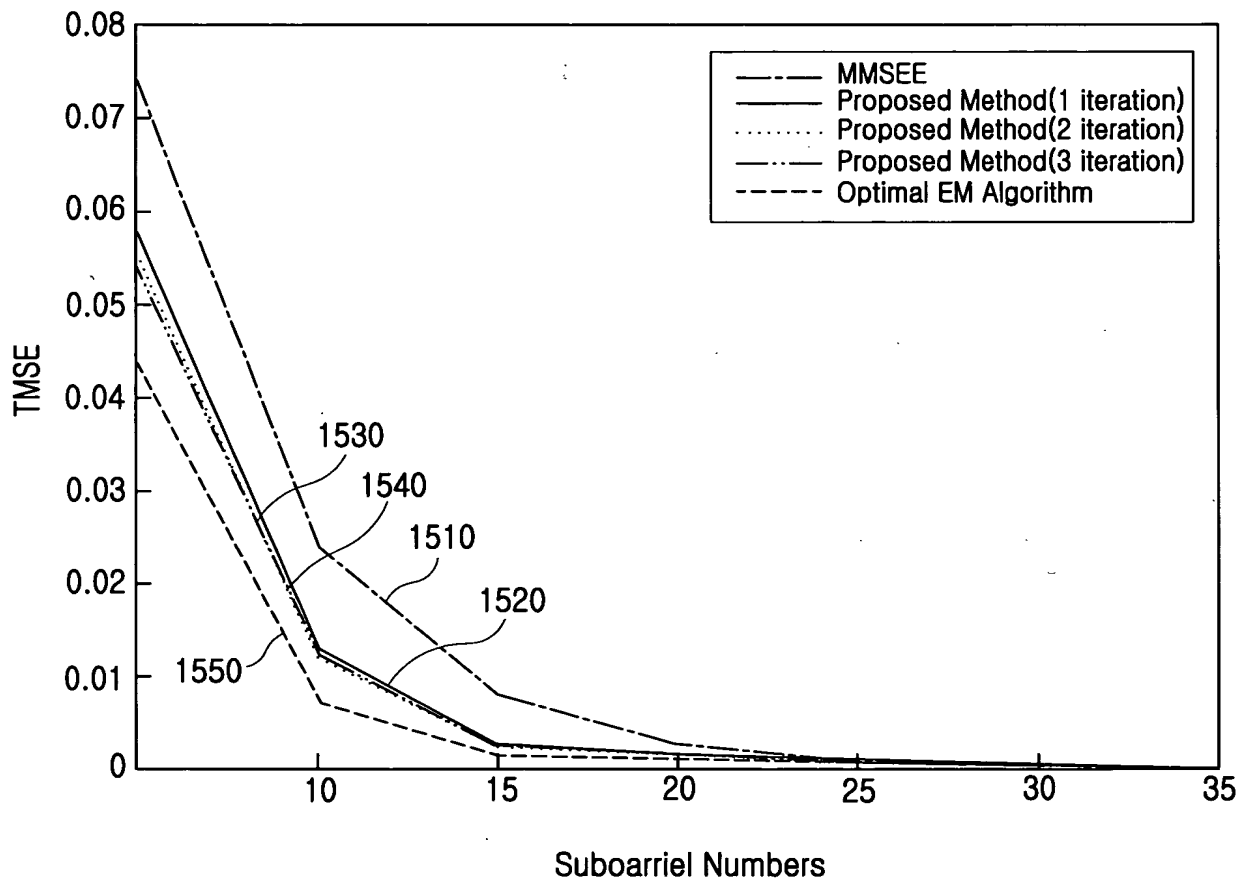


FIG.15